

Nº 17.

May 30<sup>th</sup> 1890.

June 24<sup>th</sup> 1890.

Dr 3228 to 3262.

Hyd-2317 to 2385.

No. *2317* Date *May 30/90*  
*Hand Line* Machine. Reel.

Turns — Cor. + — Depth *16*

Shot or lead *12 lbs.*

Bottom *S. brk Sh.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *42* Surface *43* Drift. —

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>140</i>		0		
<i>5-12-0</i>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

488

No. 2318 Hy Date May 30/90  
Hand Lead Machine. Reel.

Turns — Cor. + — Depth 22

Shot or lead 12 lbs -

Bottom bk s

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 41 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
5-30-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

607  
C.H.P.

No. 2319 *Tyd* Date *May 30/90.*  
*Hand* *Reel* Machine. Reel.

Turns — Cor. + — Depth *16*

~~Shot or lead~~ *12 lbs.*

Bottom *bk. s.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *41* Surface *42* Drift. —

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>6-55-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2320 Hy?* Date *May 30/90*  
*Hand Reel* Machine. Reel.

Turns — Cor. + — Depth *14*

Shot or lead *12 lbs.*

Bottom *bk. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *43* Surface *43* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>7-25-00</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2321 Hy* Date *May 30/90*  
*Hand Lead* Machine. Reel.  
 Turns — Cor. + — Depth *130*  
~~Shot or lead~~ *12 lbs.*  
 Bottom *fx. S.*  
 Bottom temperature —  
 No. of Thermometer — Cor. —  
 Corrected temperature —  
 Air *43* Surface *43* Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Adw</i> <i>8-00-00</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1463  
557

No. 2322 Hyd Date May 30<sup>th</sup> 1890-  
Hand lead Machine. — Reel.

Turns — Cor. + — Depth 12 fms

Shot or lead 12 lb.

Bottom co. bk. S.

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature —

Air 43 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

T 667

No. 2325 Hgt. Date  
Hand Machine. - Reel.  
Turns 1 Cor. + Depth 13 fms.  
Shot or lead 12 1/2 lbs.  
Bottom fine br S.  
Bottom temperature  
No. of Thermometer Cor. -  
Corrected temperature  
Air 43 Surface 44 Drift.  
Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 3. 2. 1.		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *224* Hnd. Date *Mar. 2, 1881*  
*Hand* Machine. Reel.

Turns — Cor. + — Depth *11 fms.*

Shot or lead *12 lbs.*

Bottom *crs. S. & G.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *43* Surface *44* Drift. —

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*10.20.00* *10.23.50*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.

No. 2325 Hyd. Date May 13<sup>th</sup> 1890.  
 Hand lead Machine. — Reel.

Turns — Cor. + — Depth 12 fms.

Shot or lead 12 lbs

Bottom fine. G.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air 44 Surface 43 Drift. —

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.11.00	10.43.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*NC 21*

No. *2326* Date *7 Nov 30*  
*Hand* Machine — Reel. *1*

Turns — Cor. + — Depth *14 fms.*

Shot or lead *12 lbs.*

Bottom *fine gy. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *41* Surface *45* Drift. —

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*12.00.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2026* Date

Machine. — Reel.

Turns — Cor. + — Depth *13 fms.*~~Shot or lead~~Bottom *fine. bk. s.*

Bottom temperature "

No. of Thermometer — Cor.

Corrected temperature

Air *44* Surface *45* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5001 Key Date May 10 1881

Trawl used Machine. Reel.

Turns — Cor. + — Depth 13 fms

Shot or lead 12 lb

Bottom crs bks S

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air 48 Surface 46 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
12 58 00	12 48 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2330* Date *14*  
*Hand* Machine. Reel.  
 Turns — Cor. + — Depth *11*  
 Shot or lead  
 Bottom *bk S & G.*  
 Bottom temperature  
 No. of Thermometer Cor.  
 Corrected temperature  
 Air *11* Surface Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1330 Key Date May 30

Sigsbee Machine. Reel.

Turns — Cor. + — Depth 131Shot or lead 28Bottom gyBottom temperature 39°No. of Thermometer 63962 Cor. —Corrected temperature 39°Air 41 Surface 46 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*W.A.A.*  
 No. 2331 *Nip.* Date May 30/90.  
 Hand Lead Machine. Reel.

Turns — Cor. + — Depth 16

Shot or lead 12 lbs.

Bottom bk. G.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air 47 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W.</i> <u>4-07-0</u>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Handwritten scribbles and initials*

No. *2332* Date *Oct 30/90*  
Hand *Lead* Machine. Reel.

Turns — Cor. + — Depth *18*

Shot or lead *12 lbs.*

Bottom *bk. G.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *45* Surface *41* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>new</i>  <i>5-51-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567  
*Ch. H. L.*

No. *2333* Date *May 30/90*  
*Tanner* Machine. Reel.

Turns *14* Cor. + *—* Depth *14*

Shot or lead *28 lbs.*

Bottom *fk. s.*

Bottom temperature *—*

No. of Thermometer *—* Cor. *—*

Corrected temperature *—*

Air *45* Surface *44* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7-03-0</i>	<i>7-05-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*507.*  
*AP*

No. *2334* Date *11 May 30/90*  
*Hand Pump* Machine. — Reel.

Turns — Cor. + — Depth *12*

~~Shot or lead~~ *12 lbs.*

Bottom *fine gy. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *45* Surface *44* Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0.10</i> <i>7-58-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2335 <sup>Hyd</sup> Date Mar 30<sup>th</sup> 1887

Hand lead Machine. — Reel.

Turns — Cor. + — Depth 9 fms.

Shot or lead 12 lbs.

Bottom fine gy. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.32.00 8.42.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567  
H.S. 31.

No. 2336 Date May 30<sup>th</sup> 1890.  
Hand lead Machine. — Reel: 1

Turns — Cor. + — Depth 11 fms  
~~Shot or lead~~ 12 lbs.

Bottom fine. bk. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>8.58.50</u>	<u>9.01.00</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1757.

No. 2337 Date May 30<sup>th</sup> 1890.  
 Sigsbee Machine. — Reel.

Turns — Cor. + — Depth 10 fms.

Shot or lead 12 lbs.

Bottom fine gy. S. sh. Sp.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 42 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.15.00	10.18.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 338 Hyd. Date May 30 1890.  
Hand lead Machine. — Reel.

Turns — Cor. + — Depth 12 fms

Shot or lead 12 lbs.

Bottom fine gy. s. bk. Sp.

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 42 Drift. —

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.32.00	10.35.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2500 Date

Machine. Reel.

Turns — Cor. + — Depth 13

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 44 Surface 1/2 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2340 06-7 DateCor. and Reel Machine. Reel.Turns          Cor. +          Depth 19

Shot or lead

Bottom

Bottom temperature

No. of Thermometer          Cor.

Corrected temperature

Air 44 Surface 43 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2541* Date*20000* Machine. Reel.Turns *17* Cor. + *—* Depth *19*Shot or lead *38 lb*Bottom *bb S*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *44* Surface *43* Drift.

Trawl or dredge or tangles.

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2342 264 Date

Machine. Reel.

Turns 16 Cor. + Depth 16Shot or lead 7 1/2 lbsBottom gy. S.

Bottom temperature

No. of Thermometer Cor.       

Corrected temperature

Air 84.3 Surface 84.3 Drift.

Trawl or dredge or tangles.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567

No. 2247 Date

Machine. Reel.

Turns -- Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air -- Surface 43 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *31<sup>st</sup> 90* Date

Machine. Reel.

Turns — Cor. +

Depth *143 3/4 fms.*Shot or lead *1*

Bottom

Bottom temperature

No. of Thermometer

Cor. —

Corrected temperature

Air *43* Surface *43* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2348 06 / DateHand Car Machine. — Reel.Turns — Cor. + — Depth 134~~Shot or lead~~ / :Bottom fine gy S. G.

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air — Surface 11 — Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*C. H. R.*  
No. *2326* Date *Oct 11 190*  
Hand Lead Machine. - Reel.

Turns — Cor. + — Depth *10*

Shot or lead *12 lbs* -

Bottom *gy S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air *43* Surface *42* Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.W.</i> <i>P. 110-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1997.

No. *2347* Date *11/12/91*

*Hand* Machine. Reel.

Turns — Cor. + — Depth *2712*

Shot or lead *12 lbs.*

Bottom *gy. s.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *43* Surface *43* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*9-10-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *234844* Date *May 31/90*  
*Hand* Machine. Reel.

Turns — Cor. + — Depth *10*

Shot or lead *12 lbs*

Bottom *gy. S.*

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air *44* Surface *44* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE:

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>Also</i>		0		
<i>9-162-</i>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*911*  
No. *2349* Date *May 31/90*  
*Hand* Machine. — Reel.

Turns — Cor. + — Depth *8*

~~Shot or lead~~ *12 lbs.*

Bottom *crs. br. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air *44* Surface *44* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-14-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*APL*  
 No. *2350* Hy Date *May 31/90*  
 Hand Lead Machine. — Reel.

Turns — Cor. + — Depth *10*

~~Shot or lead~~ *12 lbs.*

Bottom *gy. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *44* Surface *44* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>AW</i>		0		
<i>10-10-0</i>		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*2351*

No. *2351 Hy* Date *Dec 21/90*  
*Hand Lead* Machine. Reel.

Turns — Cor. + — Depth *7*

Shot or lead *12 lbs.*

Bottom *gy. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *46* Surface *45* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-12-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
*est. P.*

No. *2353* *Hy* Date *May 3/90*  
*Hand Lead Machine.* Reel.

Turns — Cor. + — Depth *7*  
 Shot or lead *14 lbs.*

Bottom *gy. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *45* Surface *44* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-36-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

351  
W.H.

No. 2353 Ny Date May 31/90  
Hand Lead Machine. Reel.

Turns — Cor. + — Depth 5 1/4

Shot or lead 12 lb S.

Bottom gy. S.

Bottom temperature —

No. of Thermometer Cor. —

Corrected temperature

Air 46 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.57-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2354 Date 1st 1890  
Hand Made Machine. — Reel.

Turns — Cor. + — Depth 7 fms

Shot or lead 12 lbs.

Bottom gy

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature

Air 46 Surface 45 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.20.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1178

No. 2355 Date May 31<sup>st</sup> 1890.  
 Hand lead Machine. — Reel.

Turns — Cor. + — Depth 5

Shot or lead 12 lbs.

Bottom fine g. s. D.

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature —

Air 45 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12. 28		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*See next page.*No. *2356* Date

Machine. — Reel.

Turns — Cor. + — Depth *4 1/2*Shot or lead *12 lb*Bottom *G.*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *45* Surface *44* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*15-**1-16*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



Hyd No 2357. May 31<sup>st</sup> 90.

Hand lead.

12 lbs.

bottom -

P.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4 1/2 fms.  
44'

pm.

2.20.00

2.21.00

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2358 Date 31<sup>st</sup> 1890.

Trawl Machine. Reel.

Turns — Cor. + Depth 5 f 11.

Shot or lead 12 lbs

Bottom P

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 46 Surface 54 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2359* *H<sub>g</sub>* Date *21 1882*  
 Machine. — Reel.

Turns Cor. *+*

Depth *5 1/2 fms.*

Shot or lead *17 lbs.*

Bottom *S.*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *14.6* Surface *45* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2560 Date *Aug 31* <sup>0</sup>*-90.*  
Machine. Reel.

Turns Cor. + Depth *6 1/4 fms.*

~~Shot or lead~~ *12 lbs.*

Bottom *bk. s.*

Bottom temperature *-*

No. of Thermometer *-* Cor.

Corrected temperature

Air *45* Surface *44* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

167

No. / Date

Machine. Reel.

Turns Cor. + Depth 4 fms.

Shot or lead 12 lbs.

Bottom S.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567

No. 2362 Date

Hand Lead Machine. — Reel.

Turns — Cor. — Depth 7 1/2 fms.

Shot or lead 12

Bottom 0

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 48 Surface 44 Drift:

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 322 DateTowed Machine. - Reel.Turns — Cor. + — Depth 8 fms Cor.

Shot or lead

Bottom

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air — Surface — Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	5.57.00	5.20.17
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3225 DateLucas Machine. — Reel.Turns — Cor. + — Depth 8 fms. (900)~~Shot or lead~~ 12 lbs.Bottom P. & gy. S.

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 50 Surface 50 Drift. 1'Trawl or dredge or tangles S

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

6.24.00 6.50.50

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2. Consider

No. 3250 Date

Machine. — Reel.

Turns — Cor. + — Depth 3 1/4 fms.

Shot or lead 12 lbs.

Bottom gy. S. P.

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air Surface — 0 Drift 0.1 NE 3/4 E

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.37

0

6.42.00 7.10.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Liparis*  
*minutis*

*hydrobia*

No. *2363* Date *June 2-1890*  
*Hand* Machine. Reel.

Turns — Cor. + — Depth *4 1/4 fms.*

Shot or lead *12 lbs.*

Bottom *fk. s.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *43* Surface *45* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>down</i> <i>6-25-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3367* Date *June 1 - 1890.*  
*Hand Lead* Machine. *0* Reel.

Turns — Cor. — Depth *4 1/2* fath.

~~Shot or lead~~ *12 lbs.*

Bottom *fine gy. S.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *44* Surface *45* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-50-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *565 Hy* Date *June 2-1890**7/1* Machine. Reel. *11*Turns — Cor. — Depth *5 feet.*~~Shot or lead~~ *12 lbs.*Bottom *fine g. s.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *44* Surface *45* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>6-52-11</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2366 Hy.* Date *June 2 - 1890*  
*Hand Lead* Machine. Reel.

Turns — Cor. — Depth *5 1/2 fms.*

Shot or lead *12 lbs.*

Bottom *fine gy. S. & K. sp.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *45* Surface *45* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*7-24-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2367* Date *June 2 - 1890**Hand Lead* Machine. Reel.Turns — Cor. + — Depth *12 fathoms*Shot or lead *12 lbs.*Bottom *fine gy. S. bk. sp.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *45°* Surface *45°* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*100**7-4200*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3231 *Dr* Date June 2<sup>d</sup> 1890.  
Hand made Machine. Reel.

Turns — Cor. — Depth 12 fms.

Shot or lead 15 lbs

Bottom 2

Bottom temperature —

No. of Thermometer ————— Cor. —

Corrected temperature —

Air 45 Surface 47 Drift. 3. 3. 1

Trawl or dredge or tangles. Large. 100.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.06.00	8.18.00	0	8.07.00	33.30
		100	11.30	8.31.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

5 fms. Star line. shells. 2 sp.  
Several small shells. 1 sp.  
Sea Urchins. 1 sp.  
Sea Anemones. 1 sp.  
Few Sea Trout. Several small

No. 30 Dr Date

Hand lead Machine. — Reel.

Turns Cor. + — Depth 10 1/2 fms.

Shot or lead 12 lbs.

Bottom P. &amp; S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 45 Surface 47 Drift. 3 1/2 0 0

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

10 Hand - in - over at 12 side to  
 10 minutes Watch 1 Sea circumference

9.37.00 9.33.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

9.36.00

36.50 9.53.00

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Halargammas* *Red Sea*  
*position* *Red Sea*  
*3000 fathoms* *Spring*  
*Red Anemone* *Few shells*





2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Flinder 3 Reads*  
*Bottom 100*  
*Heav*

No.

Date

2<sup>nd</sup>

Land Lead Machine. Reel.

Turns

Cor. +

Depth 5 fms.

Shot or lead 12 lbs.

Bottom

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air 48 Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3235 Date June 7<sup>th</sup> 1890.  
Hand lead Machine. - Reel.

Turns — Cor. + — Depth 11 fms.

Shot or lead 12 lbs.

Bottom bk. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 44 Surface 44 Drift. 1' S.E. x S.

Trawl or dredge or tangles large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

38.00 3 39.00

0

50  
100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3.40.00 4.00.00

Be 100  
C. 100



No. 3736 Date Jan 7 1891  
 Jamieson Machine. Reel.

Turns 18 Cor. + 0 Depth 14  $\frac{3}{4}$  fms.

Shot or lead 28 lbs.

Bottom G. S. + Sh.

Bottom temperature 39°

No. of Thermometer 63902 Cor.

Corrected temperature 39°

Air 37 Surface 42 Drift. 1  $\frac{1}{2}$  S.  $\frac{1}{2}$  E.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

5.05.58

17 00

0

5.10.45

33.45

06.15

5.06.17

60

12.45

5.32.30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

the  
 17  
 18  
 19  
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 86  
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 92  
 93  
 94  
 95  
 96  
 97  
 98  
 99  
 100



1897.

No. 3237 *De* Date June 7<sup>th</sup> 1890.  
*Canner* Machine. — Reel.

Turns — Cor. + Depth 19 fms.

Shot or lead

Bottom

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air 36 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.	UP.
1.00.00	.00.50
00.15	7.00.20

TURNS.
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

DREDGE ROPE.

DOWN.	UP.
7.04.00	3
	7.05.00



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Seen Small fish.

No. 3238 *Dr* Date June

Hand Lead Machine. Reel.

Turns — Cor. +

Depth 18

~~Shot or lead~~ 12 lb.

Bottom fine gy.

Bottom temperature

No. of Thermometer —

Cor.

Corrected temperature

Air 33 Surface 39 Drift 1' South

Trawl or dredge or tangles 1' can

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9 11 20	4 11 20	0	9 11 20	4 11 20
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Acidimetric*  
*Part of the*  
*1/2 P. of the*  
*Sponge Acidimetric*

67. 12

No. 236 H. & Date Jan 1900  
Tanner Machine. — Reel.

Turns 23 Cor. + — Depth 224 fms.  
~~Shot or lead~~ 28 lbs.

Bottom fine gy. S.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 35 Surface 40 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
11.15.50	1.11.50	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Hand Reel Machine. &amp; Reel.

Turns — Cor. + —

Depth 12 1/2 fms.

Shot or lead 12 lbs.

Bottom fine gy S &amp; S.

Bottom temperature —

No. of Thermometer —

Cor. —

Corrected temperature —

Air 38

Surface 41

Drift.

Trawl or dredge or tangles —

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

12-39-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1750  
1897.

No. 2370 Hy<sup>d</sup> Date June 8<sup>th</sup> 1890.  
Hand lead Machine. — Reel.

Turns — Cor. — Depth 10 $\frac{1}{2}$  fms.  
Shot or lead 12 lbs.

Bottom fine gy. S.

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature —

Air 40° Surface 41° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.05		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3239 *DE* Date *June 5*  
*Hand lead* Machine. — Reel.

Turns — Cor. + — Depth *11 1/2 fms.*

Shot or lead *12 lb*

Bottom *fine gy. S.*

Bottom temperature —

No. of Thermometer —

Cor. —

Corrected temperature —

Air *40* Surface *44* Drift. *1*

Trawl or dredge or tangles *Large*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



1907. 3. 31  
No. 3241 Date June 8<sup>th</sup> 1907

Tanner Machine. — Reel.

Turns 17 Cor. + — Depth 14½ fms.

Shot or lead 28 lbs.

Bottom fine bk. S.

Bottom temperature did not

No. of Thermometer 63902 Cor.

Corrected temperature

Air 42 Surface 43 Drift. N. N. W. 1

Trawl or dredge or tangles large

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

4 spp. *Amia* 2 spp. *Amia*  
*Amia* *Amia* *Amia*  
 us *Amia* *Amia*  
 shells. 2 spp. *Amia*  
 young *Amia*

No. *57* Date *1*  
*Tanner* Machine. - Reel.

Turns Cor. + — Depth *14 fms.*

Shot or lead *28 lbs.*

Bottom *bk. M.*

Bottom temperature *38°*

No. of Thermometer *63902* Cor. —

Corrected temperature *38°*

Air *50°* Surface *50°* Drift. *N 1/2 S*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		30		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1 mi

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

1/2 bu Starfish 25  
shells, Hermit crabs.  
Basket Star. Young Pollock & few  
small fish.

No. 2371 *Hy* Date *June 5 90.**Hand Lead* Machine. — Reel.

Turns — Cor. + — Depth 8 fms.

~~Shot or lead~~ 12 lbs.

Bottom — —

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 46 Surface 48 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*P.W.*  
2-52-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

93  
C. H. H.

No. *3375* Date *June 8/90*  
*Hand Lead* Machine. — Reel.

Turns — Cor. + — Depth *8½ fm.*  
~~Shot or lead~~ *12 lbs.*

Bottom — —

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *43* Surface *45* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. 3-15-0</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

0811. P.

No. *2345* Date *June 8, 1885*  
*Holland* Machine. - Reel.

Turns - Cor. + - Depth *11 1/2 fms*

Shot or lead *12 lbs.*

Bottom -

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air *45* Surface *50* Drift.

Trawl or dredge or tangles -

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*3-32-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2471

No. 3242 Date June 8/90.  
 Machine. Reel.

Turns — Cor. + — Depth 11 fms

Shot or lead 12 lbs

Bottom fk. m

Bottom temperature —

No. of Thermometer : Cor. —

Corrected temperature —

Air 43 Surface 45 Drift. 8/10 W. S. W.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-30-0		0	2-11-0	02-30
		100	50-0	4-0-0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

1 pr. Star fishes  
Shrimps 3 kinds. 2 Decapods  
A few Chelae. T. other small  
Hydroids fish.  
1 Bryozoa  
Crabs.

No. 3243 *SV* Date *June 1891*Machine: *V* Reel.Turns - Cor. + Depth *4 1/2 fms.*Shot or lead *2 + 10*Bottom *gy. m.*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface *11.2* Drift *8/10 N. S. W.*Trawl or dredge or tangles *hau*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

*DM* DREDGE ROPE.*V* DOWN.

UP.

*5.28.0**5.30.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*5.32.00**34*

*12 fms. down on 1st haul  
 12 fms. down on 2nd haul  
 12 fms. down on 3rd haul  
 12 fms. down on 4th haul  
 12 fms. down on 5th haul  
 12 fms. down on 6th haul  
 12 fms. down on 7th haul  
 12 fms. down on 8th haul  
 12 fms. down on 9th haul  
 12 fms. down on 10th haul  
 12 fms. down on 11th haul  
 12 fms. down on 12th haul  
 12 fms. down on 13th haul  
 12 fms. down on 14th haul  
 12 fms. down on 15th haul  
 12 fms. down on 16th haul  
 12 fms. down on 17th haul  
 12 fms. down on 18th haul  
 12 fms. down on 19th haul  
 12 fms. down on 20th haul  
 12 fms. down on 21st haul  
 12 fms. down on 22nd haul  
 12 fms. down on 23rd haul  
 12 fms. down on 24th haul*



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

W. A. L. H. E. -  
 10 fms.  
 100 fms.  
 Crabs.

Flounders -  
 small mass fishes.  
 Hermit Crabs.  
 Sea urchins.

No. 3244 <sup>SV</sup> Date June 9<sup>th</sup> 1890  
 Handrad Machine. Reel.

Turns — Cor. + — Depth 4 $\frac{1}{2}$

Shot or lead 12 lb.

Bottom Green clay S.

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 40 Surface 43 Drift 1' S. x W.

Trawl or dredge or tangles Like

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6 15.00

5.16.00

0

5.17.30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS. 1 lb. 10  
 shrimps. 10 crabs.  
 10 small crabs.  
 10 small crabs.  
 10 small crabs.  
 10 small crabs.

H.C. 21  
557.

No. 3245 *12* Date *June 9<sup>th</sup> 18*  
*Hand* *Leak* Machine. — Reel.

Turns Cor. Depth *11 1/2 fms*

Shot or lead *15 lbs.*

Bottom *S. & P.*

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air *41* Surface *44* Drift. *S. S. E. 3/4 N.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.03.00</i>	<i>7.02.00</i>	0		
		100	<i>07.10</i>	<i>7.22.00</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Waves 1000 yds. Star fish  
 2000 yds. -  
 1 large lamp fish Small fish

No. 3246 *Dr* Date June 9<sup>th</sup> 1880  
 Tanner Machine. — (Reel. —)

Turns Cor. + Depth 17½ fms

Shot or lead 28 lbs.

Bottom *G.*

Bottom temperature 38°

No. of Thermometer 63902 Cor. —

Corrected temperature 38°

Air 41 Surface 40 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

with Crab Flounder, Albatross

1000 fms. 1000 fms. 1000 fms.

1000 fms. 1000 fms. 1000 fms.

No. 2374 Key Date June 9<sup>th</sup> 1890  
Tanner Machine. Reel.

Turns 3 Cor. Depth 21½ fms

Shot or lead 28 lbs.

Bottom G.

Bottom temperature 35°

No. of Thermometer 6390 Cor. -

Corrected temperature 35°

Air 39 Surface 38 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.		UP.	TURNS.	DOWN.		UP.
P. 712		P. 712				
10.01.48			0			
02.28			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 23 75 16 Date June 18 1880

Machine. Reel.

Turns 26 Cor. +

Depth 25 fms.

Shot or lead 28 lbs.

Bottom g.

Bottom temperature 137.0

No. of Thermometer 63402 Cor. -

Corrected temperature 37.0

Air 39 Surface 38 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

p. 712

11.03.25

04.12

0

3.55

11.03.59

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3247 Dr Date June 13<sup>th</sup> 1890.  
Tanner Machine. — Reel.

Depth 17 fms.

Bottom P. & St.

Bottom temperature 40.6°

No. of Thermometer 63902 Cor. —

Corrected temperature  $40.6$

dir 41 Surface 43 Drift.  $\frac{1}{4}$  mi. SW

~~Trawl or dredge or tangles~~ *Large!*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1, 59, 35 | 2, 00, 15

O

2.00.00	09.00
---------	-------

59.45 1. 59.55

60  
100

2 3 2,06,00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2,100

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

3 sps. Star Fish.  
5 sps. Simulps.  
3 Crabs.  
9 Small mollusks.

REMARKS.  
12 ft. Sea Urchin.  
1 ft. Small Cr.  
2 or 3 Dead Mussel shells  
Few shells -

No. 3257  
 J.C. 10

Date June 13<sup>th</sup> 1882  
 Sigsbee Machine. — Reel.

Turns 22 Cor. — Depth 21 fms

Shot or lead 28 lbs.

Bottom fine gy. s. & g.

Bottom temperature 43.0°

No. of Thermometer 63902 Cor. —

Corrected temperature 43°

Air 40° Surface 41° Drift.

Trawl or dredge or tangles Laminated

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.36.15	37.05	0	3.41.00	
36.25	36.35	70	36.30.40	20
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. *3249* Date *June 13<sup>th</sup> 1897*  
*Tanner* Machine. — Reel.

Turns *15* Cor. + *0* Depth *13½ fms.*

Shot or lead *28 lbs.*

Bottom *fine gy. s. bk. sp.*

Bottom temperature *37°*

No. of Thermometer *63902* Cor. —

Corrected temperature *37°*

Air *39°* Surface *39°* Drift. *SE 1/2 E*

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

5 34 35

30.25

0

34 55

35.35-03

50

100

Dredge Co.

200

and was put on a line

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Dec 10 1897*  
*Calcutt*



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2 1/2 Ha. line laid. 20 ft.  
Grounds 700. Small 11 ft.  
1st, also id. 6 ft. in water  
Under shell, 12 ft. in water  
(Crab)

No. 2376 Hys Date 1  
 Tanner Machine. Reel.

Turns 18 Cor. + Depth 16½ fms.

Shot or lead 28 lbs.

Bottom fine g.

Bottom temperature 55.5

No. of Thermometer 65702 Cor. -

Corrected temperature 35.5

Air 38° Surface 39° Drift.

Trawl or dredge or tangles -

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3250* Date *Jan 10, 1900*  
 Machine. *Sigsbee* Reel.

Turns *19* Cor. + Depth *17 1/2 fms*

Shot or lead *28 lbs*

Bottom *gy S*

Bottom temperature *46.2*

No. of Thermometer *6390* Cor.

Corrected temperature *46.2*

Air *38* Surface *40* Drift *Drift 1/2 S 1/2 E*

Trawl or dredge or tangles *Large Benthic*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>9-25-0</i>	<i>-15-0</i>	0	<i>10-1-0</i>	
		100	<i>48</i>	<i>10-07-0</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*9-26-0*  
*9-36-10*  
*Bob. = 2*  
*Bob. = 2*  
*Bob. = 2*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

Lat. 22° 15' N. Long. 157° 15' W.  
 5 fathoms 2 fms. 10 fms.  
 2 fms. 10 fms. 15 fms.  
 Young of the year. Several small  
 shells. Bryozoans.  
 Serpents etc.

507. *H.C.*

No. *2377* Date *June 14<sup>th</sup> 1890.*  
*Tanner* Machine. — Reel.

Turns *24* Cor. + — Depth *23 fms.*

Shot or lead *28 lbs.*

Bottom *fine gy. S.*

Bottom temperature *Therm? did not report*

No. of Thermometer *63952* Cor. —

Corrected temperature —

Air *38°* Surface *39°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.16.30</i>	<i>17.15</i>	0		
<i>16.45</i>	<i>16.50.00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

14/1890

Machine. - Reel.

Turns 5 Cor. +

Depth 24 fms.

~~Shot or lead~~ 28 lb.

Bottom m.

Bottom temperature

No. of Thermometer 65402 Cor. -

Corrected temperature 37°

Air 38 Surface 39 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*Cod Measurement*  
SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Length</i>			<i>Weight.</i>
50	<i>32 "</i>			<i>11 lbs.</i>
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date \_\_\_\_\_

Machine.

Reel.

Turns 7 Cor. +

Depth  $25\frac{1}{2}$  fms.

Shot or lead 2-8 lbs:

Bottom fine 17 1/2

Bottom temperature 51.8

No. of Thermometer. 63902 Cor. —

Corrected temperature 37.2

Air <sup>38</sup> Surface <sup>39</sup> Drift. <sup>8x24.1</sup>

*Trawl or dredge or tangles*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.26.20	27.15	0	4.39.45	03.45
26.40	26.40	100	45.45	5-00.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*Large quantity of small shells at 1000 fathoms. The shells are small, white, and very numerous. They are found in the mud and sand. The shells are small, white, and very numerous. They are found in the mud and sand.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 02.00	13.45	0	7 16.05	42.20
03.27	7.03.30	100	22.12	7.38.45
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

118 m. I expect. How? Kind of slumps  
 Pick up some many young Polychaete  
 Shells Basket Star Sculpin All-gold  
 Slugs - 1/2 inch long  
 118 m. I expect. How?

No. *3255* Date *June 14<sup>th</sup> 1890*

Machine. Reel.

Turns *35* Cor. *1* Depth *36*Shot or lead *28 lbs.*Bottom *M V S*Bottom temperature *35°*No. of Thermometer *63902* Cor. *—*Corrected temperature *35°*Air *40* Surface *42* Drift *1° 2' 30"*Trawl or dredge or tangles *Sand & shells*

## SOUNDING WIRE.

*NEW* DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>49-0</i>		0	<i>10-07-0</i>	<i>10-37-0</i>
		100	<i>14-0</i>	<i>10-32-0</i>
		150	<i>15-0</i>	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3254 Date June  
Tanner Machine. — Reel.

Turns 45 Cor. + 1 Depth 46

Shot or lead

Bottom g

Bottom temperature

No. of Thermometer 63902 Cor. —

Corrected temperature 36.2

Air 41 Surface 43 Drift. 1' S 1/4 W.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

1 4 2. 3.

1 3 1. 12

4 3 3 12 53. 00





No. 3255 *11* Date *Jan 11**Tanner* Machine. Reel.Turns *42* Cor. + DepthShot or lead *28 lbs*

Bottom

Bottom temperature *37°*No. of Thermometer *63* Cor. -Corrected temperature *37°*

Air Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



No. 35-6 Dr Date June 14.  
Tanner Machine. Reel.

Turns 48 Cor. + 1. Depth 49.

~~Shot or lead~~ 78 lbs .

Bottom on M. bk S.L.

Bottom temperature 38-0

No. of Thermometer 63902 Cor. —

Corrected temperature 35°

Air		Surface		Drift.	
-----	--	---------	--	--------	--

Trawl or dredge or tangles *Common*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.48	50.02	0		
49 15	7.49.15	100		
		40		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. 2579 Hy. Date

June 14/90

Machine. Reel.

Turns 50 Cor. + 1 Depth 51

Shot or lead 28 lbs

Bottom gw m

Bottom temperature 36

No. of Thermometer 63902 Cor.

Corrected temperature 36°

Air 43 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10-36-0	10-32-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2383 *Hyd.* Date *June 15<sup>th</sup> 1892*  
*Tanner* Machine. — Reel.

Turns *415* Cor. + *1* Depth *416*

~~Shot or lead~~ *28 lbs.*

Bottom *fk. S. r. M.*

Bottom temperature *37°*

No. of Thermometer *63902* Cor. —

Corrected temperature *37°*

Air *42°* Surface *43°* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*12.35.00**12.36.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*567. H.C. J.*

No. 2381 *Hyd.* Date *June 15<sup>th</sup> 1890*  
*Tanner* Machine. — Reel.

Turns *57* Cor. + *1* Depth *58*

~~Shot or lead~~ *28 lbs.*

Bottom *bk. S. + M.*

Bottom temperature *39°*

No. of Thermometer *63902* Cor. —

Corrected temperature *39°*

Air *42°* Surface *43°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS. DOWN. UP.

*2.57.00* *2.56.30*

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

*Put over 8 hauled lines for 10 minutes.*

*Catch - Nil.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 382 Hyd. Date June 7

Machine. — Reel.

Turns / 46 Cor. + 3 Depth

Shot or lead 28 lbs.

Bottom M. &amp; f. S.

Bottom temperature

No. of Thermometer 63902 Cor. -

Corrected temperature 38.5

Air 43 Surface 44 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1000* Date *Jan 20 1880*  
*Tanner* Machine. — (Reel.)  
 Turns *79* Cor. + *2* Depth *81 fms*  
 Shot or lead *35 lbs*  
 Bottom *gy. m.*  
 Bottom temperature *50.0*  
 No. of Thermometer *00702* Cor. —  
 Corrected temperature *39.0*  
 Air *50.0* Surface *50.0* Drift. *0.0*  
 Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>4.04.20</i>	<i>06.30</i>	0	<i>4.21.00</i>	
<i>14.55</i>	<i>4.15.05</i>	100	<i>25.25</i>	<i>50.20</i>
		200	<i>4.29.30</i>	<i>3</i>
		<del>240</del> 300	<i>32.00</i>	<i>4.52.00</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 3258 Date

Tanner Machine. — Reel.

Turns 68 Cor. + 2 Depth

Shot or lead :

Bottom 4

Bottom temperature

No. of Thermometer 63902 Cor. -

Corrected temperature 39

Air 43 Surface Drift. N 1/2 E 3/4

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

6.33.30

16

37



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2500 /

rather

No. 59 Date 10  
Machine. 6 Reel.

Turns 40 Cor. + 1 Depth 41

Shot or lead 28 lbs

*Bottom*

Bottom temperature 40.6

No. of Thermometer 63702 Cor. —

Corrected temperature  $40.1^{\circ}\text{C}$

Air 42 Surface 14 Drift 6

*Trawl or dredge or tangles*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.12.15	8.25.58	0	8.56.00	22.30
		100	9.02.30	10.00
		200	04.05	9.18.40
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1000 fathoms fish to the bottom 2 species  
 the shell with bluish green  
 Sea Anemonies " " " " " "  
 Corals " " " " " "  
 Sponges " " " " " "  
 a few other things

No. 2385 Date June 22<sup>nd</sup> 1891Machine. Sigsbee Reel.Turns 30 Cor. + 0 Depth 30 fmsShot or lead 28 lbBottom bk. G.Bottom temperature 40.1No. of Thermometer 63902 Cor. -Corrected temperature 40.1Air 42 Surface 44 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3260 Date

Machine. Reel.

Turns 15 Cor. + Depth 15

Shot or lead 28 lb

Bottom fine G. S.

Bottom temperature

No. of Thermometer 63402 Cor. -

Corrected temperature 42°

Air 17.2 Surface Drift. N 1/2 E

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

1/2 doz. Pearls

1 doz. C. Pearls

1/2 doz. Shell Pearls

No.

Date

Machine.

Reel.

Turns " Cor. +

Depth '

Shot or lead

Bottom

Bottom temperature

No. of Thermometer

Cor. -

Corrected temperature 41.2

Air 4 Surface 5 Drift 3.4

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10:05 12.1

11.31.1

11.50

12.44.5



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE, *71.00000000*

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2314 Date

Tanner Machine. — Reel.

Turns 37 Cor. + — Depth

Shot or lead

Bottom gy. s.Bottom temperature 41No. of Thermometer 63402 Cor. —Corrected temperature 40.2Air 45° Surface 45° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.

No. 3262 *Dr* Date June 24<sup>th</sup> 1890  
 Tanner Machine. — Reel.

Turns 42 Cor. + 1 Depth 43 fms.

Shot or lead 28 lbs.

Bottom 1k. S. R

Bottom temperature 40.70

No. of Thermometer 63902 Cor. —

Corrected temperature 40.7

Air 44 Surface 45 Drift. 1/2 mi N. 1/2 W.

Trawl or dredge or tangles large beam.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.33.25

34.45

0

2.51.00

.07.50

33.48

2.33.50

100

58.15

.65.00

120  
200

3.00.00

3.03.30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

12 hauls over port side at  
 2.35. Hauled in at 2.50.  
 Catch:— 26 Cod fish.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

1 qt. Shrimps.	Star fish
4 lbs. shells.	Hydroids
1 bu. sponges.	Bryozoa
Rock cod	Secidians
1 Sculpin	Norms.
Liparis.	Naked Mollusks.

No. 2385 - Key Date June 24, 1890

Tanner Machine. Reel. -

Turns 60 Cor. + 2 Depth 62 fms

Shot or lead 28 lbs

Bottom bk M.

Bottom temperature 40°

No. of Thermometer 63902 Cor. -

Corrected temperature 40°

Air 43 Surface 45 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
PM 4 35-30	38 00	0		
36 00	4 36 00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put 10 hand lines over board at 4:37  
 In at 4:53  
 Catch  
 cod fish

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.